

# Catalyn® Chewable

## Contains Vital Nutrients from Several Whole Foods to Provide Complete and Complex Nutritional Supplementation

Catalyn Chewable is a whole food multivitamin containing several vitamins, minerals, and phytonutrients from approximately 15 different whole food sources in a convenient cherry-flavored tablet. Instead of using a megadose approach, Catalyn Chewable was formulated with several whole food ingredients complete with complexes of nutrients rather than incomplete isolated nutrients. Catalyn Chewable also contains specific glandular tissue to complement the whole food ingredients to stimulate cell and tissue repair. The complex set of whole food ingredients and other vitamins and minerals that make up Catalyn Chewable broadly support both the physiological and the biological processes of the human body.<sup>†</sup>

## How Catalyn Chewable Keeps You Healthy

### *Maintains cellular health*

Vitamin A works as an antioxidant and is vital for new cell growth. Vitamin B<sub>1</sub> (thiamine) assists in carbohydrate metabolism, vitamin B<sub>2</sub> (riboflavin) in cell respiration and red blood cell formation, and vitamin B<sub>6</sub> (pyridoxine) in nucleic acid synthesis. Vitamin C supports collagen formation and the growth and repair of tissues. Naturally occurring magnesium plays a key role in initiating enzyme activities, especially those involved in energy production. Naturally occurring potassium maintains cell-membrane integrity.<sup>†</sup>

### *Keeps your skin healthy*

Vitamin A supports skin-cell integrity. Vitamin C promotes healthy skin by supporting the natural growth and repair of skin tissues and cells, as well as collagen production.<sup>†</sup>

### *Keeps your heart healthy*

Many of the vitamins and minerals found in Catalyn Chewable contribute in a unique way to overall cardiac health, by promoting healthy circulation, moderating homocysteine levels, and helping to maintain normal heart rhythm.<sup>†</sup>

### *Supports healthy metabolism*

Catalyn Chewable contains the B-vitamin complex, including thiamine, vitamin B<sub>6</sub>, riboflavin, and naturally occurring niacin, folate, and pantothenic acid. The B vitamins support energy metabolism. Specifically riboflavin, niacin, and pantothenic acid are involved in the metabolism of fats, proteins, and carbohydrates for energy. Thiamine also plays a role in carbohydrate metabolism. Folate is essential for growth and development of cells. B vitamins are also involved in supporting immune and nervous system function.<sup>†</sup>

*Please copy for your patients.*



**Introduced in 1997**

**Content:**

90 tablets

**Suggested Use:** Three tablets per day, or as directed.

**Supplement Facts:**

Serving Size: 3 tablets

Servings per Container: 30

	Amount per Serving	%DV
Calories	4	
Vitamin A	1,200 IU	25%
Vitamin C	4 mg	6%
Vitamin D	312 IU	80%
Thiamine	0.2 mg	15%
Riboflavin	0.2 mg	15%
Vitamin B <sub>6</sub>	1 mg	50%

**Proprietary Blend:** 468 mg

Cherry powder, defatted wheat (germ), carrot (root), calcium lactate, nutritional yeast, bovine adrenal, bovine liver, magnesium citrate, bovine spleen, ovine spleen, bovine kidney, oat flour, mushroom, dried alfalfa (whole plant) juice, soybean lecithin, pea (whole plant), and rice (bran).

Other Ingredients: Dried cane juice, maltodextrin, honey, calcium stearate, natural cherry flavor, glycerin, arabic gum, ascorbic acid, pyridoxine hydrochloride, starch, sucrose (beets), vitamin A palmitate, cocarboxylase, riboflavin, and cholecalciferol.

**Sold through health care professionals.**



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<sup>†</sup>These statements have not been evaluated by the Food & Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

# Catalyn® Chewable

## What Makes Catalyn Chewable Unique

### Product Attributes

#### Whole food multivitamin

- › Contains important vitamins, minerals, enzymes, and trace minerals in combination with their naturally occurring synergistic cofactors
- › Combines vital nutrients from a variety of plant sources to introduce a unique diversity of complete vitamin and mineral complexes

#### Multiple nutrients from a variety of plant and animal sources

- › Extracts from bovine and ovine tissues provide nutrients and support to the corresponding tissues in humans
- › Vitamins, minerals, and nutrients from plants and animal tissues work synergistically for maximum effect<sup>†</sup>

### Certified Organic Farming

A healthy ecosystem is created by using organic farming techniques, such as rotating crops, fertilizing the soil with nutrient-rich cover crops and byproducts from our processing, practicing strict weed-control standards, and continually monitoring the health of our plants

- › Assures the soil is laden with minerals and nutrients
- › Ensures plants are nutritionally complete and free from synthetic pesticides

### Manufacturing and Quality-Control Processes

Upon harvesting, nutrient-rich plants are immediately washed and promptly processed

- › Preserves nutritional integrity

### Low-temperature, high-vacuum drying technique

- › Preserves the enzymatic vitality and nutritional potential of ingredients

### Not disassociated into isolated components

- › The nutrients in Catalyn Chewable are processed to remain intact, complete nutritional compounds
- › Degreed microbiologists and chemists in our on-site laboratories continually conduct bacterial and analytical tests on raw materials, product batches, and finished products
- › Ensures consistent quality and safety

### Vitamin and mineral analyses validate product content and specifications

- › Assures high-quality essential nutrients are delivered

### Whole Food Philosophy

Our founder, Dr. Royal Lee, challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature—in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists—known and unknown—bioactivity is markedly enhanced over isolated nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to an isolated or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. See the supplement facts for Catalyn® Chewable.

Carr AC, Frei B. Toward a new recommended dietary allowance for vitamin C based on antioxidant and health effects in humans. *Am J Clin Nutr*. 1999;69(6):1096-1107.

Cervantes-Laurean D, McElvaney NG, Moss J, Niacin. In: Shils M, Olson JA, Shike M, Ross AC, eds. *Modern Nutrition in Health and Disease*. 9th ed. Baltimore: Williams & Wilkins; 1999:401-411.

Food and Nutrition Board, Institute of Medicine. Folic Acid. *Dietary Reference Intakes: Thiamin, Riboflavin, Niacin, Vitamin B<sub>6</sub>, Vitamin B<sub>12</sub>, Pantothenic Acid, Biotin, and Choline*. Washington, D.C.: National Academy Press; 1998:193-305.

Food and Nutrition Board, Institute of Medicine. Magnesium. *Dietary Reference Intakes: Calcium, Phosphorus, Magnesium, Vitamin D, and Fluoride*. Washington D.C.: National Academy Press; 1997:190-249.

Food and Nutrition Board, Institute of Medicine. Potassium. *Dietary Reference Intakes for Water, Potassium, Sodium, Chloride, and Sulfate*. Washington, D. C.: National Academies Press; 2004:173-246.

Food and Nutrition Board, Institute of Medicine. Riboflavin. *Dietary Reference Intakes: Thiamin, Riboflavin, Niacin, Vitamin B<sub>6</sub>, Vitamin B<sub>12</sub>, Pantothenic Acid, Biotin, and Choline*. Washington D.C.: National Academy Press; 1998:87-122.

Food and Nutrition Board, Institute of Medicine. Vitamin C. *Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids*. Washington D.C.: National Academy Press; 2000:95-185.

Jacob R, Swenseid M. Niacin. In: Ziegler EE, Filer LJ, eds. *Present Knowledge in Nutrition*. 7th ed. Washington D.C.: ILSI Press; 1996:185-190.

Leklem JE. Vitamin B<sub>6</sub>. In: Machlin L, ed. *Handbook of Vitamins*. New York: Marcel Dekker Inc; 1991:341-378.

McCormick DB. Riboflavin. In: Shils M, Olson JA, Shike M, Ross AC, eds. *Modern Nutrition in Health and Disease*. 9th ed. Baltimore: Williams & Wilkins; 1999:391-399.

McCormick DB. Vitamin B<sub>6</sub>. In: Bowman BA, Russell RM, eds. *Present Knowledge in Nutrition*. Vol. I. Washington, D.C.: International Life Sciences Institute; 2006:269-277.

McCullough, F. et al. The effect of vitamin A on epithelial integrity. *Proceedings of the Nutrition Society*; 1999; volume 58; pages 289-293.

Peterson LN. Potassium in nutrition. In: O'Dell BL, Sunde RA, eds. *Handbook of nutritionally essential minerals*. New York: Marcel Dekker, Inc; 1997:153-183.

Rindi G. Thiamin. In: Ziegler EE, Filer LJ, eds. *Present Knowledge in Nutrition*. 7th ed. Washington D.C.: ILSI Press; 1996:160-166.

Ross AC. Vitamin A and retinoids. In: Shils M, ed. *Nutrition in Health and Disease*. 9th ed. Baltimore: Williams & Wilkins; 1999:305-327.

Rude RK, Shils ME. Magnesium. In: Shils ME, Shike M, Ross AC, Caballero B, Cousins RJ, eds. *Modern Nutrition in Health and Disease*. 10th ed. Baltimore: Lippincott Williams & Wilkins; 2006:223-247.

Semba RD. Impact of vitamin A on immunity and infection in developing countries. In: Bendich A, Decklebaum RJ, eds. *Preventive Nutrition: The Comprehensive Guide for Health Professionals*. 2nd ed. Totowa: Humana Press Inc; 2001:329-346.

Semba RD. The role of vitamin A and related retinoids in immune function. *Nutr Rev*. 1998;56(1 Pt 2):S38-48.

Shils ME. Magnesium. In: O'Dell BL, Sunde RA, eds. *Handbook of nutritionally essential minerals*. New York: Marcel Dekker, Inc; 1997:117-152.

Tahilani AG, Beinlich CJ. Pantothenic acid in health and disease. *Vitam Horm*. 1991;46:165-228.

Tanphaichitr V. Thiamin. In: Shils M, Olson JA, Shike M, Ross AC, eds. *Modern Nutrition in Health and Disease*. 9th ed. Baltimore: Williams & Wilkins; 1999:381-389.

Trumbo PR. Pantothenic acid. In: Shils ME, Shike M, Ross AC, Caballero B, Cousins RJ, eds. *Modern Nutrition in Health and Disease*. 10th ed. Philadelphia: Lippincott Williams & Wilkins; 2006:462-469.

